

Title (en)

METHOD AND DEVICE IN A MOTOR VEHICLE FOR AN AUTOMATIC DRIVE

Title (de)

VERFAHREN UND VORRICHTUNG IN EINEM KRAFTFAHRZEUG ZUM AUTOMATISIERTEN FAHREN

Title (fr)

PROCÉDÉ ET DISPOSITIF DANS UN VÉHICULE AUTOMOBILE POUR LA CONDUITE AUTOMATISÉE

Publication

EP 3350059 B1 20190814 (DE)

Application

EP 16765970 A 20160913

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Abstract (en)

[origin: WO2017046101A1] The invention relates to a method in a motor vehicle (50) for an automatic drive, having the following steps: detecting additional motor vehicles in the surroundings (9) of the motor vehicle (50) by means of at least one sensor system (2), detecting and identifying lanes (30, 31) by means of the at least one sensor system (2), assigning the detected additional motor vehicles (51, 52) to the detected lanes (30, 31) by means of a controller (3), and identifying and evaluating an intention to pass (21) of another motor vehicle (51) by means of a pass assistance device (4), and if an intention to pass (21) has been identified: calculating a total use (84) of a possible lane change (20) by means of a predictive device (5), adapting a drive behavior of the motor vehicle (50) by means of the controller (3), wherein the possible lane change (20) is carried out if the calculated total use (84) reaches or exceeds a specified total use threshold (87), and the possible lane change (20) is not carried out if the calculated total use (84) does not exceed the specified total use threshold (87). The invention further relates to a corresponding device (1).

IPC 8 full level

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